



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS		COUNTY: Alleghany PERMIT NO.: 03-03T FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: July 15, 2014

Date of Last Inspection: September 19, 2013

FACILITY NAME AND ADDRESS:

Alleghany County MSW Transfer Station
419 Osborne Road
Sparta, North Carolina 28675

GPS COORDINATES: N: 36.49343 W: 81.14980

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Don Adams, County Manager
Telephone: (336) 372-4179
Email address: manageralc@skybest.com

FACILITY CONTACT ADDRESS:

Same as above

PARTICIPANTS:

Josh Greene, Public Works Director
Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate the Alleghany County Transfer Station was issued to Alleghany County on March 15, 2013. This permit shall expire on June 3, 2018.

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

15A North Carolina Administrative Code 13B .0104(c) states: *"Refuse shall be stored in durable containers or as otherwise provided in this Section. Where garbage is stored in combination with refuse, containers shall meet the requirements for garbage containers."*

During the inspection, waste consisting of insulating foam and plastics had been deposited onto the ground adjacent to the transfer trailer for scrap metal. Mr. Greene explained that this material was foam and plastic used for insulation and construction of refrigerators and freezers. Disposal of this waste on the ground constitutes a violation of 15A NCAC 13B .0104(c).

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 4

To achieve compliance, all waste adjacent to the scrap metal trailer must be removed and properly disposed within 10 days of issuance of this inspection report.

15A North Carolina Administrative Code 13B .1406(10) states: *"Compost process at Type 1 facilities shall be maintained at or above 55 degrees Celsius (131 degrees F) and aerated to maintain elevated temperatures."*

During the inspection, compost temperature logs were verified. Temperatures were recorded for 12/18/13, 12/19/13, 12/20/13, and 12/27/13. However, no temperatures were recorded at or above the required 131 degrees F. All compost had been sold to customers prior to the inspection. Alleghany County is in violation of 15A NCAC 13B .1406(10) as proper temperatures were not maintained.

To achieve compliance, Alleghany County must ensure that all future compost generated on site meets the temperature requirements of 15 A NCAC 13B .1406(10) prior to distribution of the material. Records must also be kept documenting the name and contact information of any customer that purchases or obtains compost from the facility along with the amount of compost sold or given to that individual.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

1. The facility consists of a transfer facility, a convenience area for collection of recyclables, a used oil collection area, white goods collection area, metal collection area, and a Small Type-1 Compost Facility.
2. A recycling center is located in a building adjacent to the transfer station. The recycling center is used for the collection of cardboard newspaper, magazines, glass bottles, steel and aluminum cans, and plastic containers.
3. A gate was provided at the entrance to the facility to prevent unauthorized access.
4. The facility had proper signage.
5. Three separate trailers are provided adjacent to the entrance of the transfer station for the collection of empty pesticide containers, electronics, and tires.
 - Electronics are placed on pallets at the end of the day, shrink wrapped, and placed on the trailer. Majority of electronics were in the trailer at the time of inspection.
 - Tires were located in the trailer and stacked.
 - The trailer designated for disposal of pesticide containers was nearly empty at the time of inspection. No containers were deposited on the ground as observed during the previous inspection.

Records Review:

6. The permit and operation plan were reviewed. Both documents were current.
7. Tonnage reports for September 1, 2013 through July 14, 2014 were submitted by Josh Greene via e-mail on July 17, 2014. Review of these records found that the facility currently receives approximately 27 tons of municipal solid waste each operating day.
8. Scrap tire certification forms were reviewed. As noted on the previous inspection report, efforts must be made to ensure that the number of tires collected and the appropriate signatures are provided at all designated locations on the forms. Please ensure that all scrap tire haulers use the most updated version of the certification form. A copy of the form can be found at the following link: <http://portal.ncdenr.org/web/wm/sw/scraptires>.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 4

9. Waste screening reports were reviewed. Frequency of screenings had increased since the last inspection as they are now performed once a week to once every two weeks. However, it is recommended that frequency of screenings continue to be increased to ensure that screenings are being performed on at least 1% of the waste stream.
 - During the inspection, recommended screening procedures were discussed. All waste screenings should be performed at the transfer station tipping floor to ensure that the interior of waste loads can be evaluated.
10. Transfer Station Operations Specialists:
 - L.V. Eldridge (expires 10/18/15)
 - Roger Hampton (expires 8/14/15)
 - Steven Andy Harris (expires 10/19/16)
 - Lawrence Uhl (expires 8/14/15)
11. During the previous inspection, significant time and effort was needed to locate the permit and operations plan, and only a small fraction of tire certification forms could be located. Inspection of the site on July 15, 2014 found all documentation readily available upon request. Thank you for your cooperation in this matter.

Operations Inspection of the Transfer Facility:

12. Upon arrival at the facility, a loaded transfer trailer parked adjacent to the scale house was observed leaking leachate. Mr. Greene was notified upon his arrival and facility staff placed dry down material over the leachate soon after it was observed. It appeared that all leachate was contained to the asphalt area.
 - During the inspection, the trailer located within the trailer loading area was severely leaking. It appeared that all leachate was being contained within the trailer loading area and leachate drain located within the concrete floor. Mr. Greene was advised to keep the trailer in place until the trailer was no longer leaking.
 - Prior to the end of the inspection, Mr. Greene directed facility staff to notify the waste hauler (Hilco Transport) that the trailer was leaking and was in need of repair.
13. No unacceptable waste streams were observed.
14. The walls of the facility were free of heavy buildup of residue with the exception of the back wall about the trailer loading area. Please ensure that additional attention is given to this area.
15. During the previous inspection, a portion of the plywood located on top of the push wall on the right side of the facility as you enter the tipping floor was damaged. It appeared that this plywood had been repaired. Thank you for your attention to this matter.
16. During the inspection, windblown waste was beginning to build up in front of the trailer adjacent to the transfer station building and on the ground surrounding the trailers at the bottom of the concrete wall. Small windblown material was also beginning to build up at the entrance and exit of the transfer trailer loading area. Mr. Greene was advised that all windblown material in these areas must be collected and properly disposed. Facility staff began picking up windblown material prior to the end of the inspection.

Operations Inspection of the White Goods Area:

17. Majority of white goods containing chlorofluorocarbons (CFCs) were observed in an upright condition at the time of inspection with the exception of one refrigerator which Mr. Greene quickly placed upright. Please continue to ensure that appliance containing CFCs are maintained in an upright condition to ensure the integrity of the device until Freon has been removed.
18. Patrick's Heating and Cooling is contracted to remove CFCs from appliances. Appliances are marked with an "X" to indicate CFCs have been removed.
19. It appeared that a portion of the concrete floor used for the collection of white goods and scrap metal has been damaged. It is recommended that efforts be made to repair these areas to aid in the proper handling of white goods.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

Operations Inspection of the Small Type 1 Compost Facility:

- 20. No compost windrows were on site at the time of inspection. However, a large stockpile of unground wood waste was on site. Mr. Greene stated that wood waste is going to be ground in the near future.
- 21. Some unacceptable waste streams consisting of a plastic bucket lid, plastic, multiple pieces of vinyl trim, and a piece of corrugated plastic pipe was observed within the unground material. Mr. Greene immediately notified facility staff, and a temporary worker removed those items that were safe to reach. Please ensure that other unacceptable waste streams are removed prior to grinding the wood waste.
- 22. Please continue to ensure that activities associated with the compost operation do not encroach on the closed landfill.

Operations Inspection of the Beneficial Fill Area:

- 23. A new beneficial fill area has been started adjacent to the access road leading around the back of the transfer station building.
- 24. Majority of material appeared to be acceptable with the exception of a small amount of ceramic tile, a small piece of plastic, and a piece of metal. Mr. Greene was advised to have these materials removed.
- 25. It is recommended that staff screen loads designated for the beneficial fill area to ensure that only proper beneficial fill material is disposed of. It is also recommended that a sign be installed notifying customers what items are acceptable for disposal.

Supporting Comments:

- 26. Inspection of the facility found a severe amount of oil stain on the asphalt surround the used oil collection area. Oil laden stains were observed leading into a ditch adjacent to the secondary containment area of the used oil collection tank and into a culvert. The outlet of the culvert could not be determined.
- 27. Prior to the end of the inspection, facility staff placed quick dry material over the areas of staining and standing water.
- 28. This condition has been referred to Carin Kromm, Supervisor, UST Section at the Winston-Salem Regional Office.

Please contact me if you have any questions or concerns regarding this inspection report.



Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Sent on: <u>7/18/14</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Jason Watkins, Field Operations Branch Head
Sarah M. Rice, Compliance Officer
Josh Greene, Public Works Director